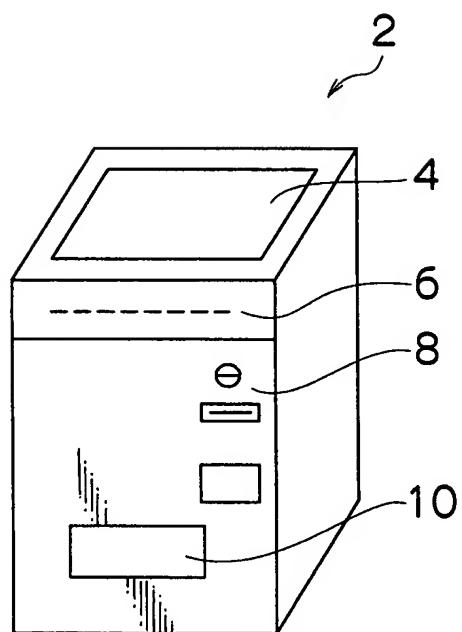


FIG.1



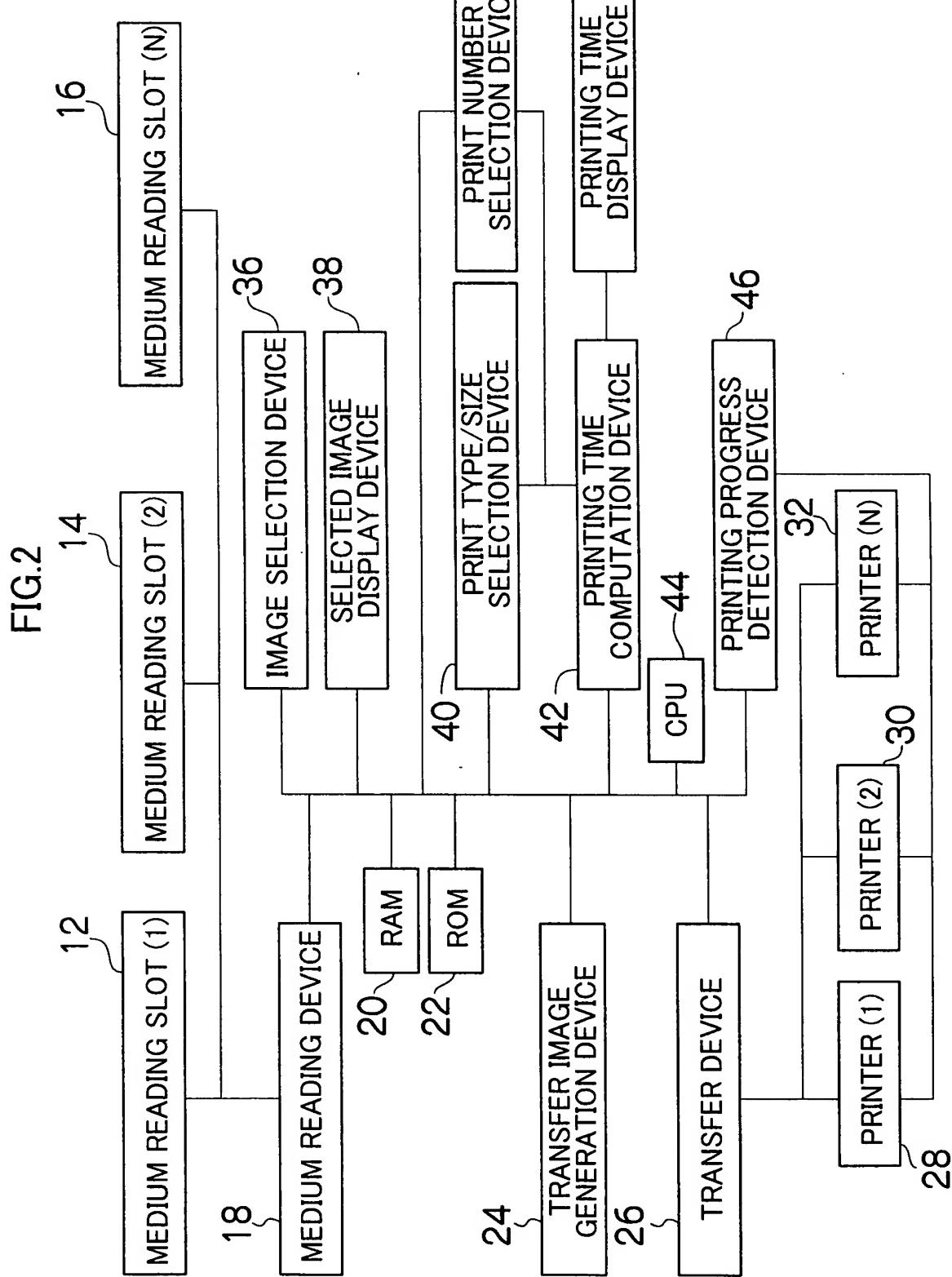


FIG.3

ENTIRE SEQUENCE OF PRINTING PROCESS

CONTROLLER

READING	IMAGE PROCESSING	TRANSFER1	READING	IMAGE PROCESSING	TRANSFER2	READING	IMAGE PROCESSING	TRANSFER3
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PRINTER (1)

PRINT 1

PRINTER (2)

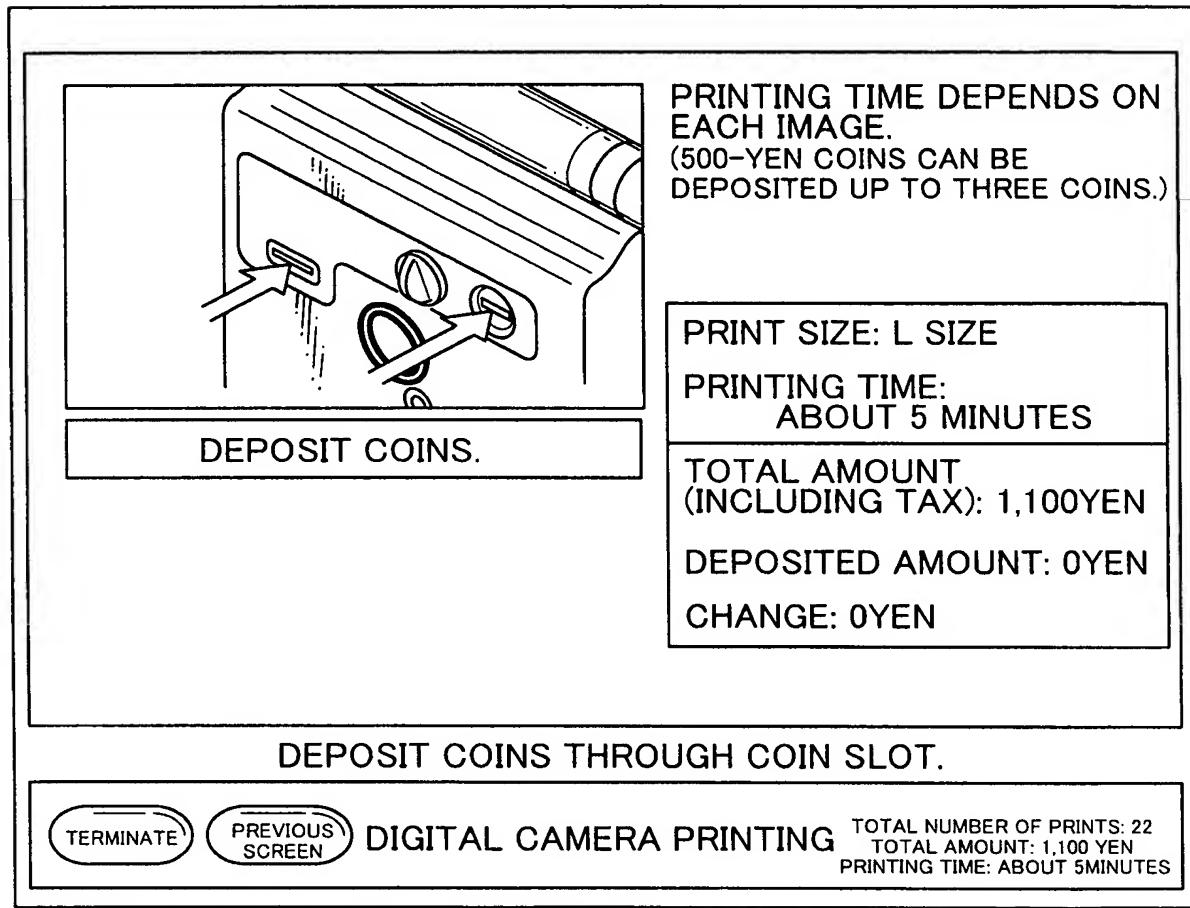
PRINT 2

PRINTER (3)

PRINT 3

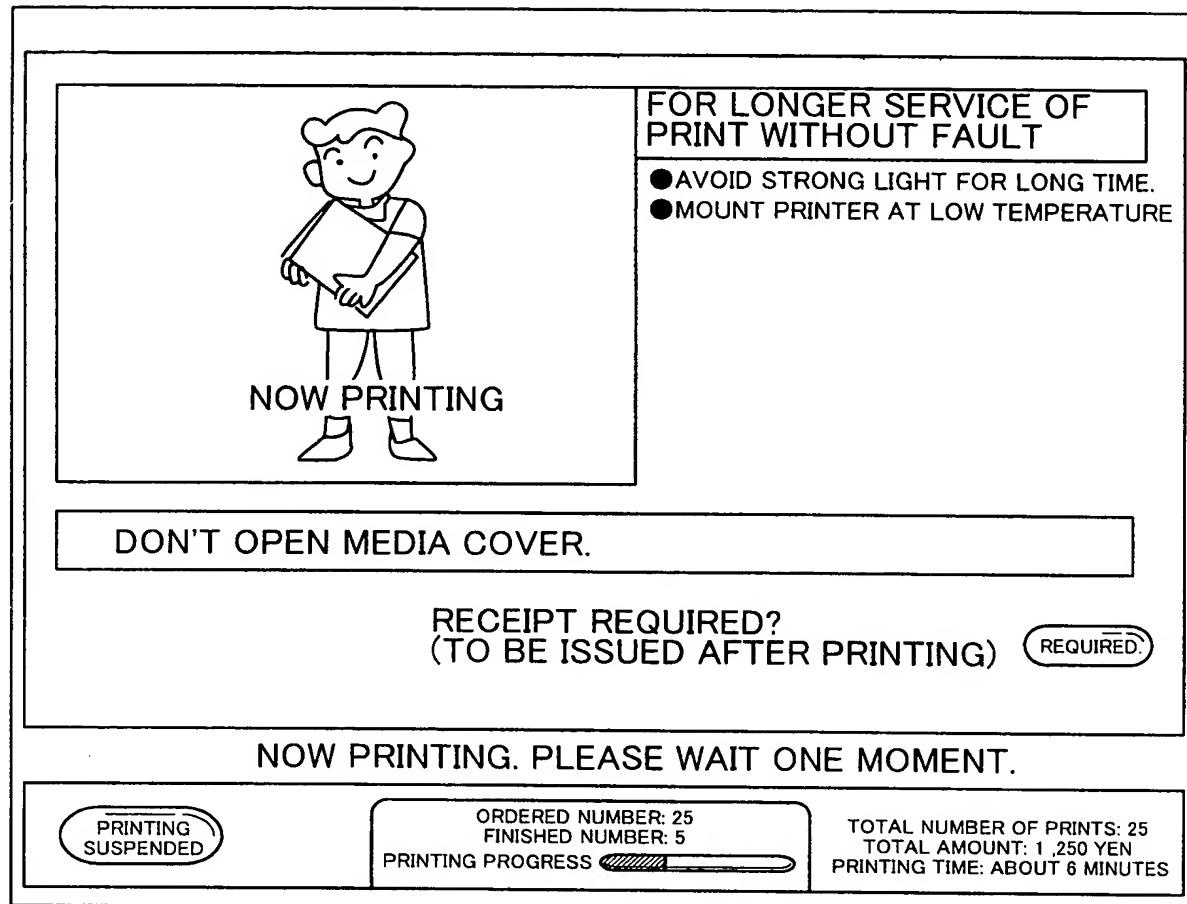
Satoshi UEDA
DIGITAL PRINTING APPARATUS
Q78159 October 28, 2003
Darryl Mexic (202) 293-7060
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FIG.4



DISPLAY PRINTING TIME BEFORE PRINTING

FIG.5



DISPLAY REMAINING PRINTING TIME DURING PRINTING

FIG.6

IMAGE FORMAT	UNIT SIZE PROCESSING TIME [ms/byte]
JPG HARDWARE DECOMPRESSED	0.0020
JPG SOFTWARE DECOMPRESSED	0.015
TIFF	0.00033
BMP	0.00033

FIG.7

SIZE	PRINTING TIME [S/SHEETS]
L	PRINT 1: 7+46, PRINT 2: 2+46
2L	PRINT 1: 7+78, PRINT 2: 2+78
CD	PRINT 1: 7+62, PRINT 2: 2+62
CARD	PRINT 1: 7+40, PRINT 2: 2+40